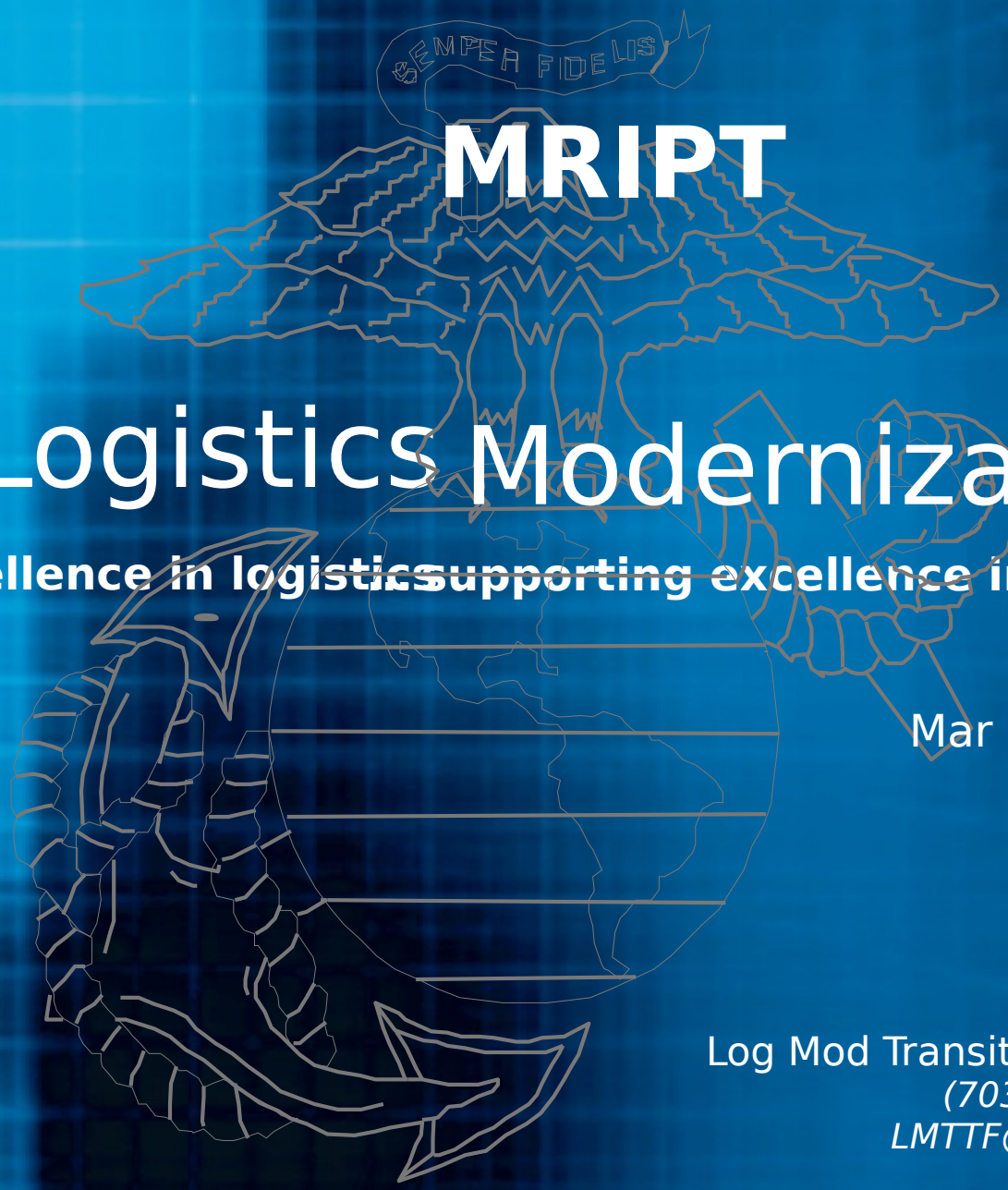


MRIPT

Logistics Modernization

excellence in logistics supporting excellence in warfighting

Mar 2006

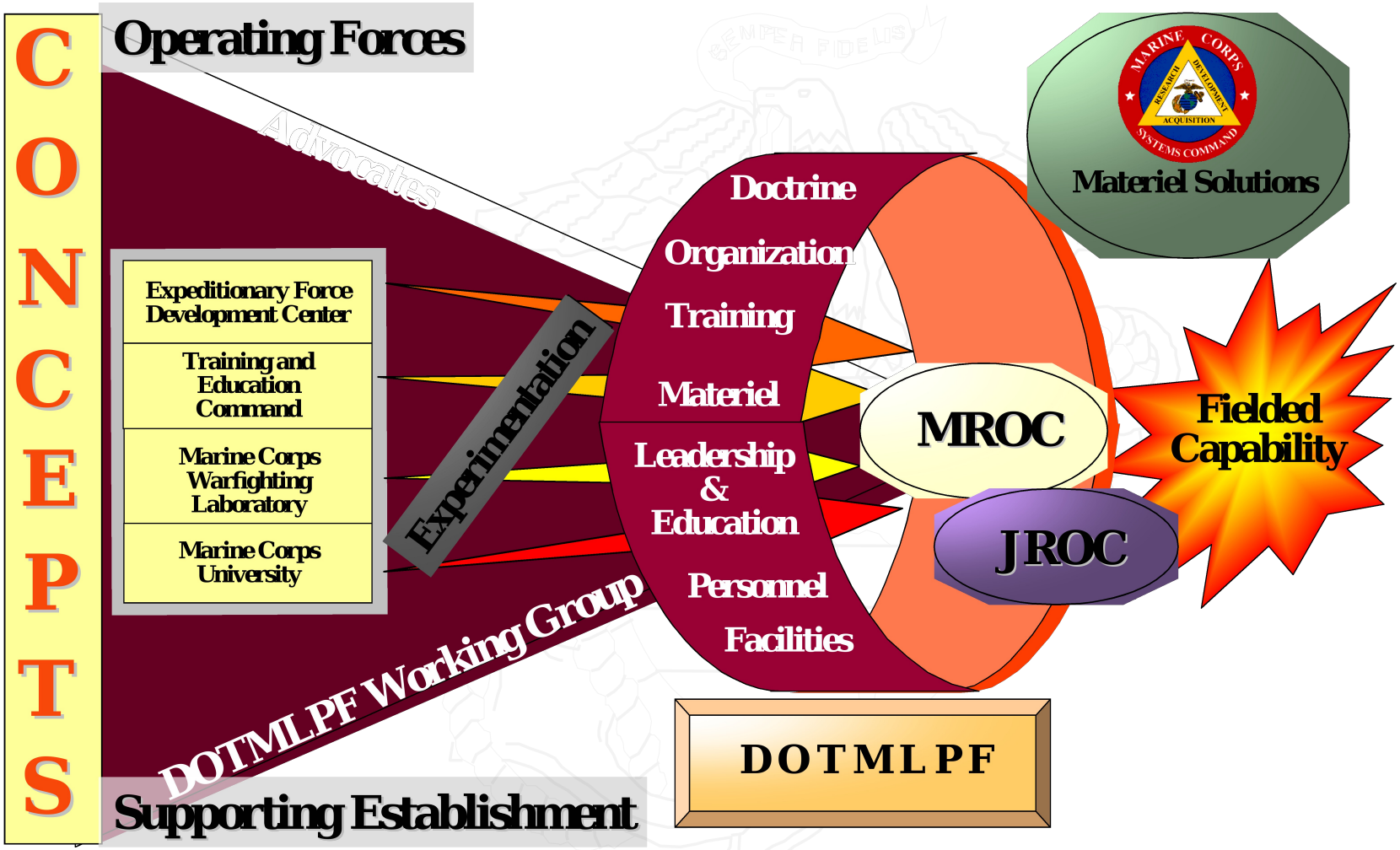
Log Mod Transition Task Force
(703)695-5939/5986
LMTTF@hqmc.usmc.mil

Agenda

What is it and what does it mean to the Marine Corps?

- Log Mod EFDS
- Log Mod Overview
- Initiatives
- Next Steps

Log Mod and the EFDS



Expeditionary Force Development System TTF

- Phase I: Force Capability Development
  - DC I&L established the Transition Task Force (TTF) (Jul 05)
  - TTF develop UNS for each Log Mod initiative (Feb 05)
- Phase II: Requirements Development
  - UNS submitted to MCCDC/EFDC (Feb 05)
  - Log Mod and Log Mod Initiatives briefed to DWG (Mar 05)
  - LMDAG established to assess DOTMLPF impact (Apr 05)
    - LMDAG generated taskings that form Log Mod COA and POA&M
  - Results captured in Solution Initiating Directive (SID) (Jul 05)
  - SID forms basis for Solution Planning Directive (SPD) (Jan 06)
- Phase III: Prioritization and Resourcing
  - Prioritize rqmnts for Log Mod & facilitate fielding of GCSS-MC BLK 1
- Phase IV: Capability Fielding and Transition
  - Execute and manage Log Mod taskings established by SPD (Jan 06-2010

Logistics Modernization… Overview

- **Logistics Modernization (Log Mod) – the largest coordinated and cross-organizational transformation effort ever undertaken to transform USMC logistics**
  - **A three pronged improvement and implementation initiative that focuses on Marine Corps people, process, and technology dimensions**

"We cannot improve the combat effectiveness of the MAGTF without logistics modernization." - CMC

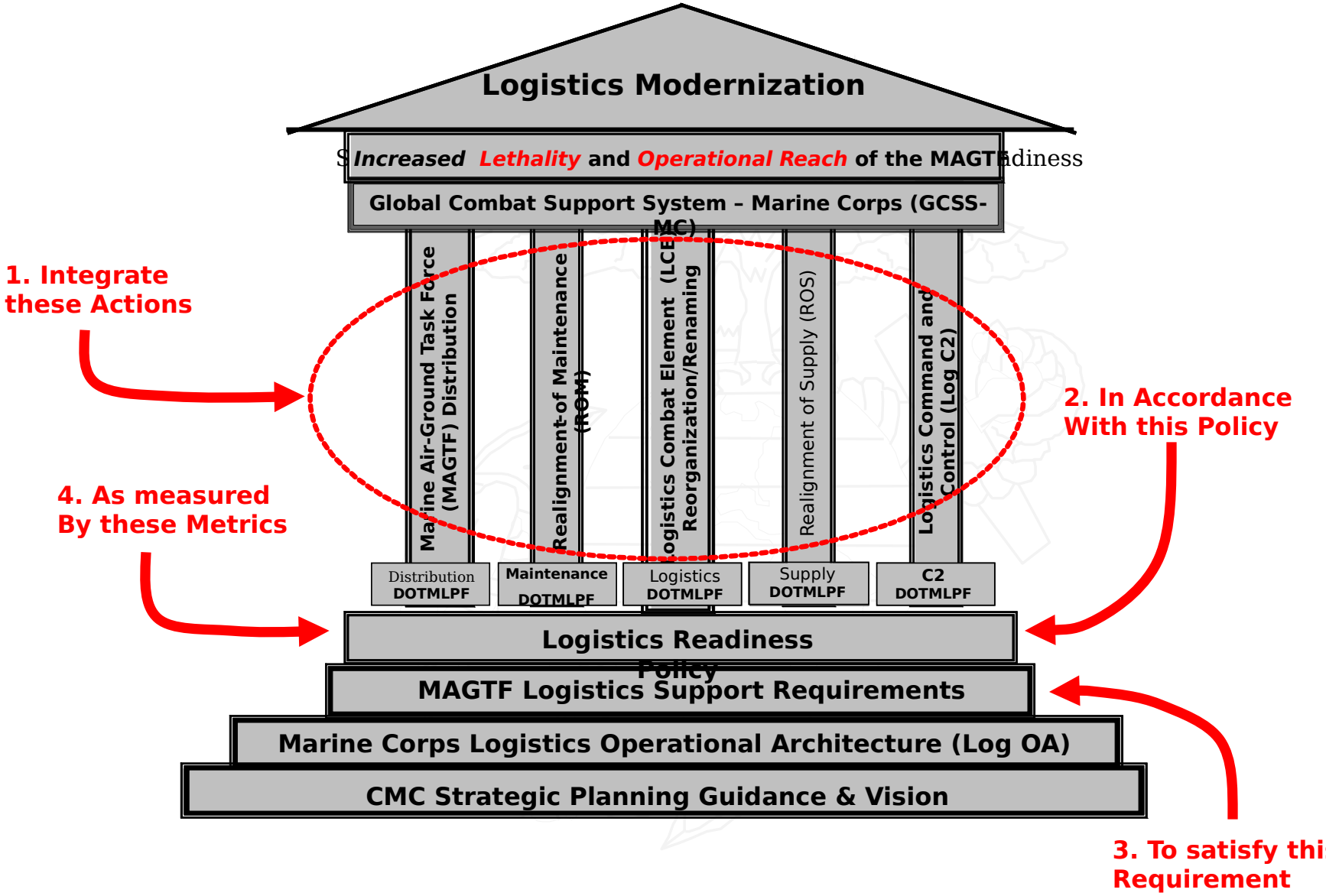
Logistics Modernization… Initiatives

- **DOTMLPF Change to our People …**
  - ***Marine Logistics Group Reorganization***
  - **Personnel/Military Occupational Specialty Construct**
  - **Investment in Logistics Training**

- **DOTMLPF Change to our Process …**
  - ***Logistics Operational Architecture***
  - ***Realignment of Supply***
  - ***Realignment of Maintenance***
  - ***MAGTF Distribution***

- **DOTMLPF Change to our Technology …**
  - **Modernized and integrated Information technology**
    - *GCSS-MC* (Log Chain Mgmt/LCM)
    - Log/MAGTF C2
  - **Deployed/Bridge Solutions**
    - UID/RFID - BCS3 – W2W – TCPT - CLC2S
  - ***MAGTF C2/Logistics C2*** **… Common Operating Picture and Integration**

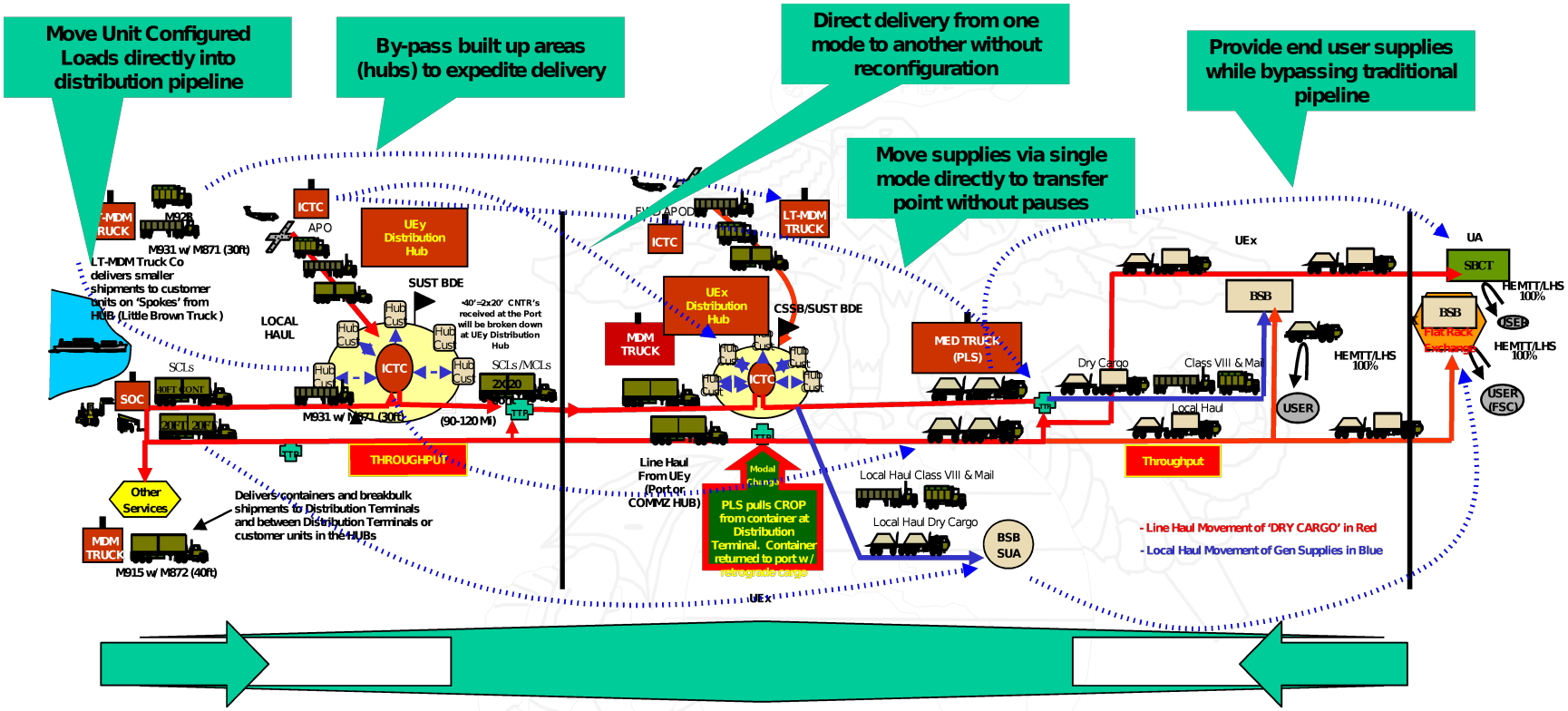
Logistics Modernization Framework…


Logistics Modernization
Increased Lethality and Operational Reach of the MAGTF
Global Combat Support System – Marine Corps (GCSS-MC)
Marine Air-Ground Task Force (MAGTF) Distribution
Realignment of Maintenance (ROM)
Logistics Combat Element (LCE) Reorganization/Renaming
Realignment of Supply (ROS)
Logistics Command and Control (Log C2)
Distribution DOTMLPF
Maintenance DOTMLPF
Logistics DOTMLPF
Supply DOTMLPF
C2 DOTMLPF
Logistics Readiness Policy
MAGTF Logistics Support Requirements
Marine Corps Logistics Operational Architecture (Log OA)
CMC Strategic Planning Guidance & Vision
1. Integrate these Actions
2. In Accordance With this Policy
3. To satisfy this Requirement
4. As measured By these Metrics

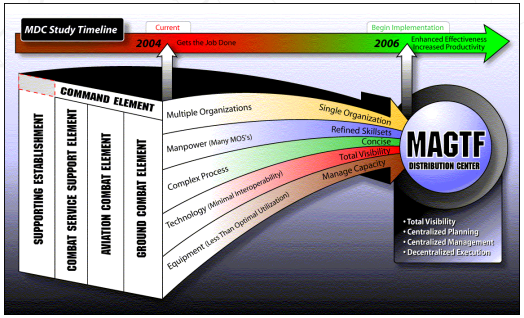
Logistics
Modernizat
or

Materiel Readiness Process Improvement Initiative…MAGTF Distribution

Logistics Modernization


Move Unit Configured Loads directly into distribution pipeline
By-pass built up areas (hubs) to expedite delivery
Direct delivery from one mode to another without reconfiguration
Provide end user supplies while bypassing traditional pipeline
Move supplies via single mode directly to transfer point without pauses
LT-MDM TRUCK
M931 w/ M871 (30ft)
LT-MDM Truck Co delivers smaller shipments to customer units on 'Spokes' from HUB (Little Brown Truck)
ICTC
APO
UEy Distribution Hub
SUST BDE
LOCAL HAUL
'40'=2x20' CNTR's received at the Port will be broken down at UEy Distribution Hub
SCLs
SOC
SCLs/MCLs
M931 w/ M871 (30ft)
(90-120 MI)
THROUGHPUT
Other Services
Delivers containers and breakbulk shipments to Distribution Terminals and between Distribution Terminals or customer units in the HUBs
MDM TRUCK
M915 w/ M872 (40ft)
UEx Distribution Hub
CSSB/SUST BDE
MED TRUCK (PLS)
Line Haul From UEy (Port or COMMZ HUB)
Modal Change
PLS pulls CROP from container at Distribution Terminal. Container returned to port w/ retrograde cargo
UEx
Local Haul Class VIII & Mail
Local Haul Dry Cargo
BSB SUA
UEx
BSB
Dry Cargo
Class VIII & Mail
Local Haul
USER
Throughput
UA
SBCT
BSB Flat Rack Exchange
HEMTT/LHS 100%
HEMTT/LHS 100%
USER (FSC)
- Line Haul Movement of 'DRY CARGO' in Red
- Local Haul Movement of Gen Supplies in Blue

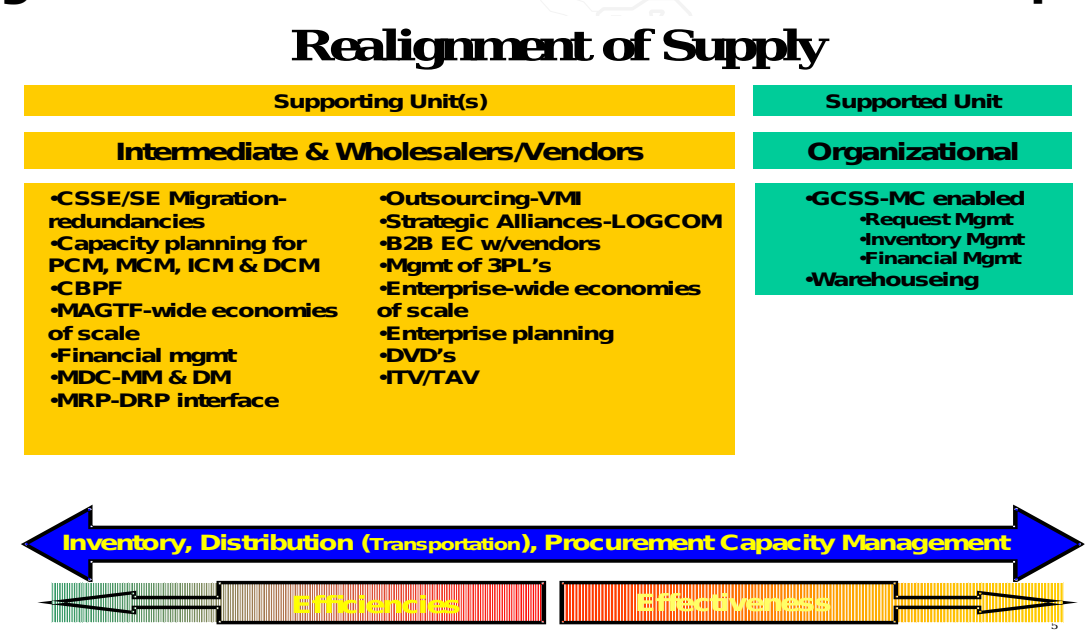
(Class: L I, II, III (P), IV, VI, VII, VIII, IX, MAIL, AND PACKAGED WATER)



excellence in logistics…supporting

Materiel Readiness Process Improvement Initiative…Realignment of Supply (RoS)

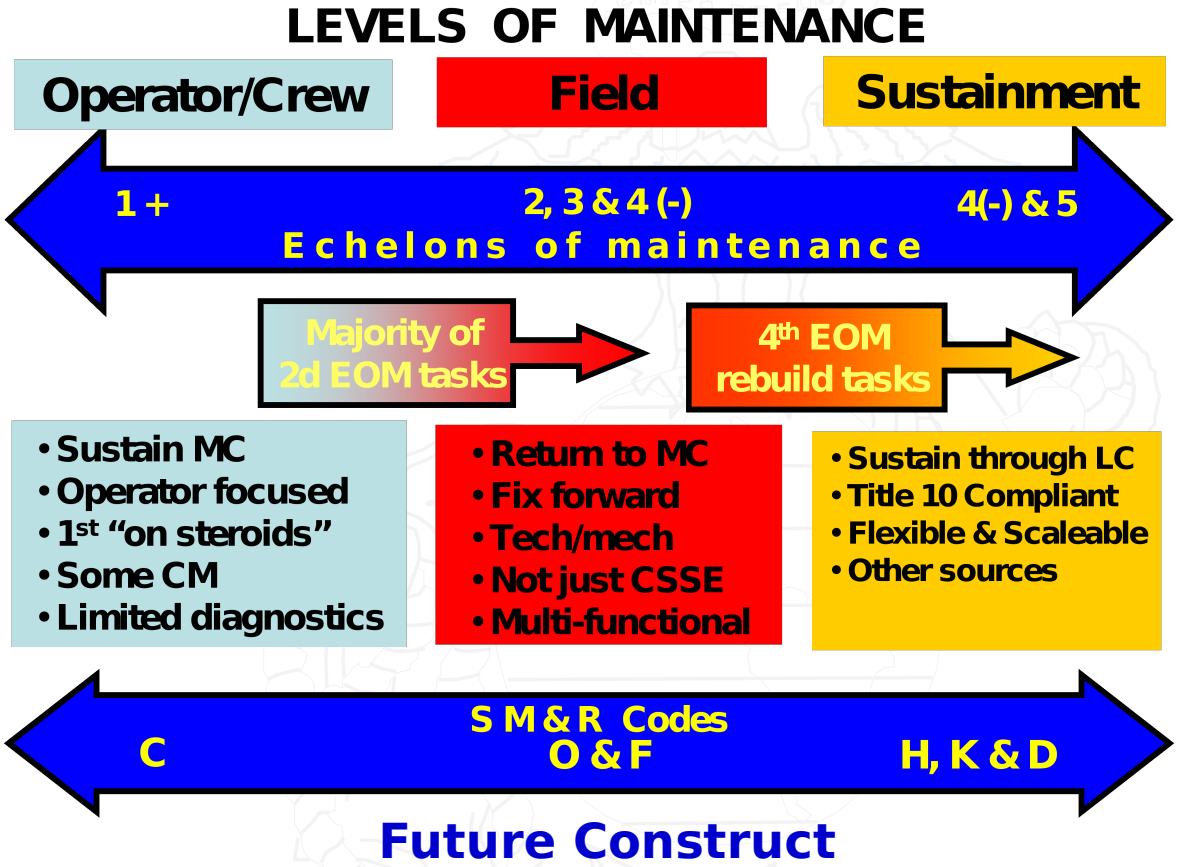
The design of the RoS initiative is to be accomplished in two



<u>Phase I</u> - focus on supported unit functions to realign capabilities across the Organizational level (O-level) and Intermediate level (I-level) of the MAGTF.

<u>Phase II</u> – focus on establishing inventory segmentation strategies at the Retail and Wholesale levels of the logistics chain -- includes realigning I-level supply functions to eliminate redundancies and outsource certain activities to third party logistics providers (3PL) to include the Supporting Establishment (SE), DLA, and integration with Naval Logistics

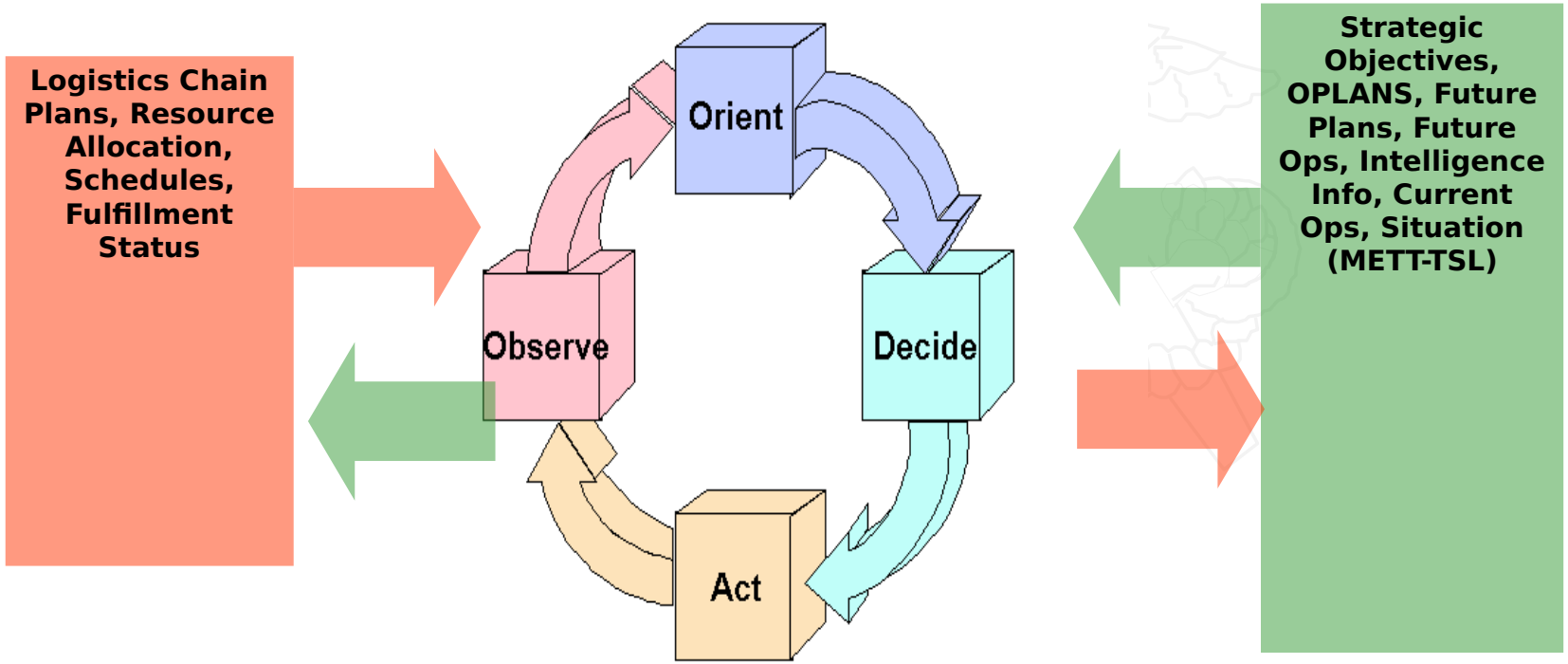
Materiel Readiness Process Improvement Initiative…Realignment of Maintenance (ROM)



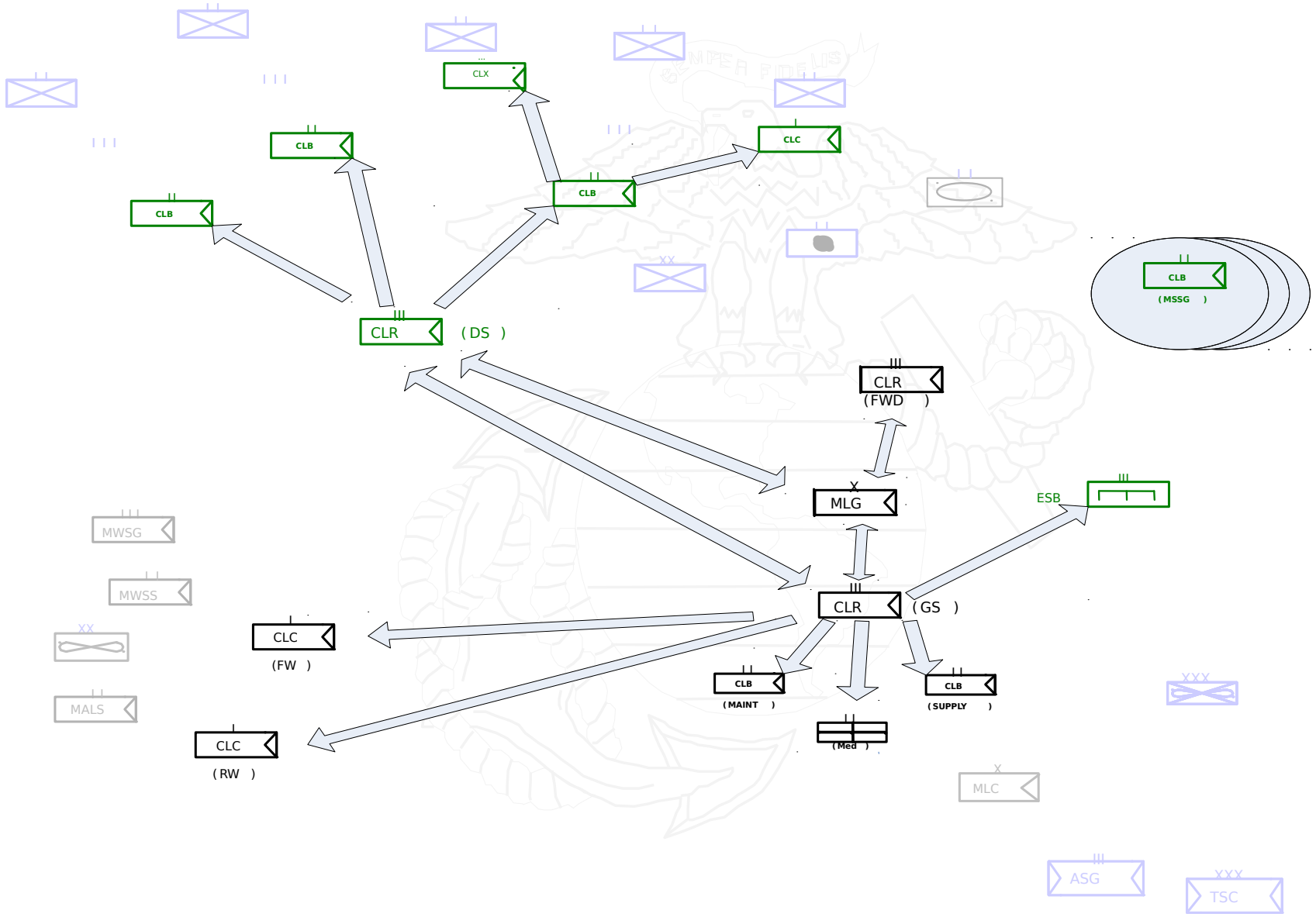
Future Construct

C2 DECISION LOOP

(Situational and Sustainment Framework)


Logistics Chain Plans, Resource Allocation, Schedules, Fulfillment Status
Orient
Observe
Decide
Act
Strategic Objectives, OPLANS, Future Plans, Future Ops, Intelligence Info, Current Ops, Situation (METT-TSL)

LCE Nodal Laydown

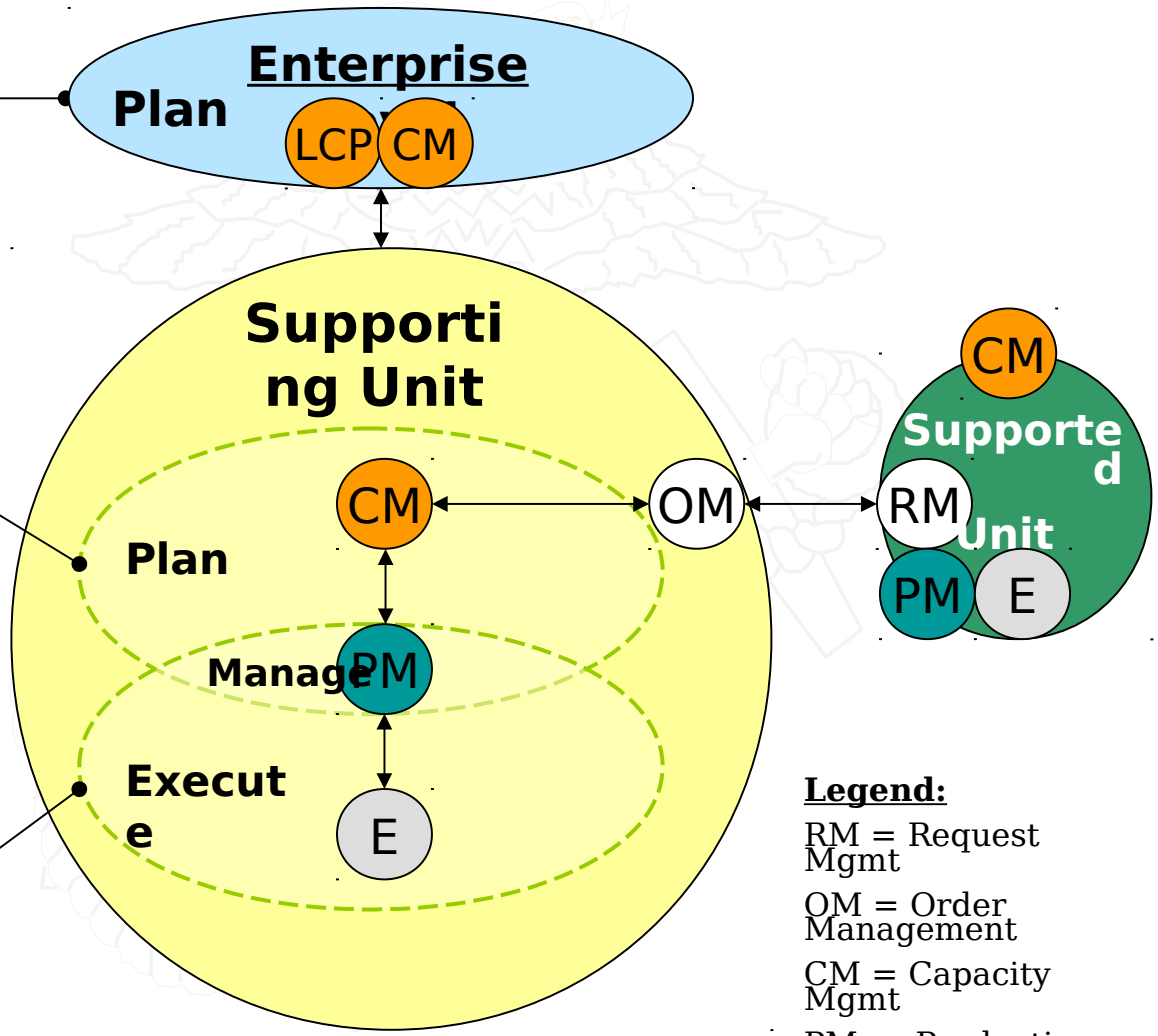


OA…High Level Roles

Planning and designing logistics chains to fulfill demands.

Planning and allocating capacity to fulfill customer orders.

Assigning specific resources to customer orders and actual tasks associated with fulfillment.



Legend:

RM = Request Mgmt

OM = Order Management

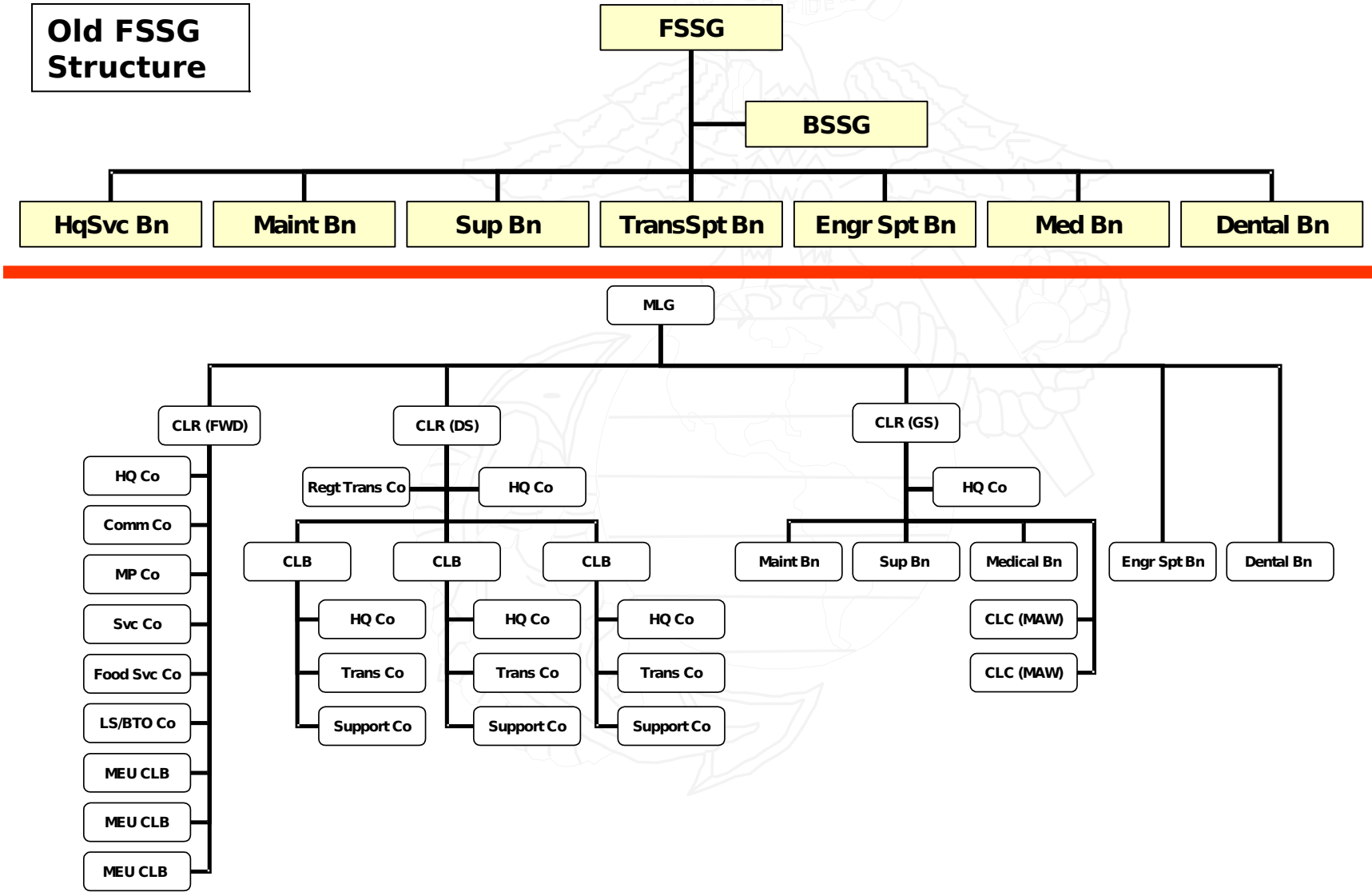
CM = Capacity Mgmt

PM = Production Mgmt

E = Execution

LCE Realignment
FSSG to MLG

Logistics Modernization



LCE Realignment
FSSG to MLG

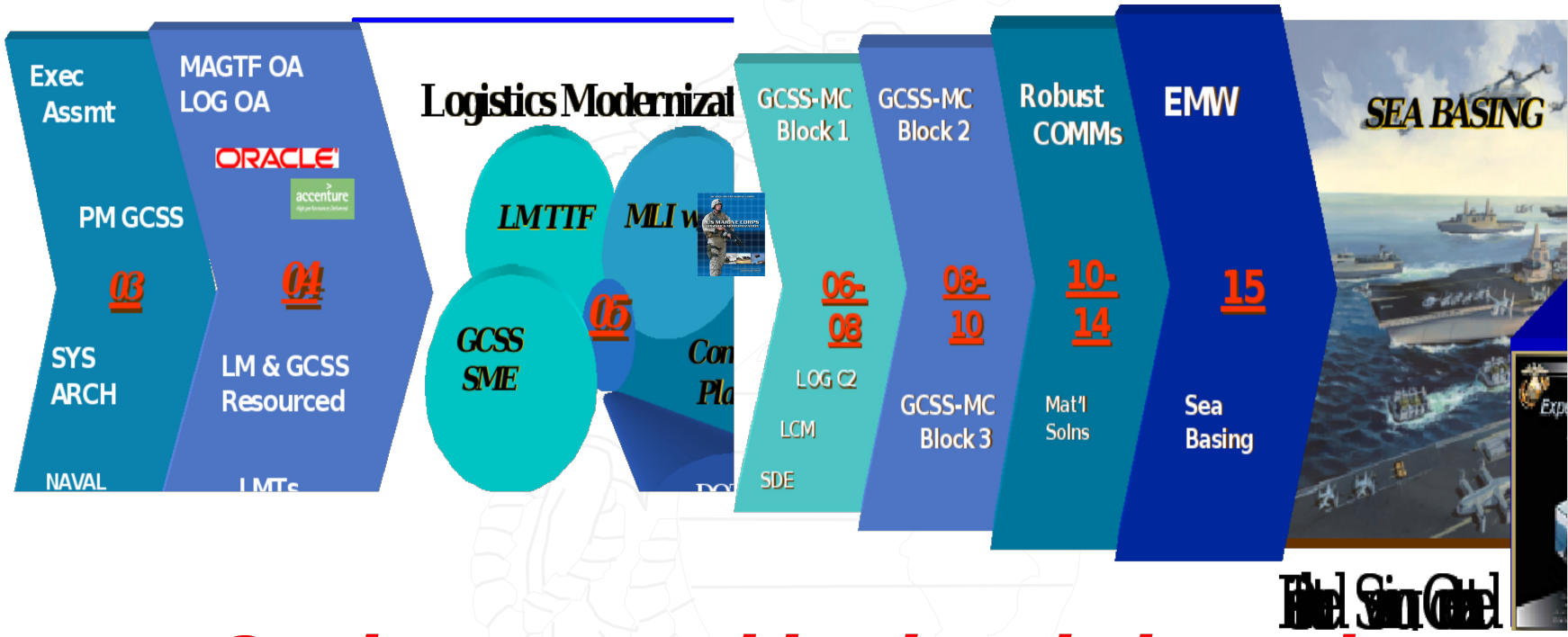
Numbering Convention

MLG	I MEF 1st MLG	II MEF 2d MLG	III MEF 3d MLG	MFR 4th MLG
DS CLR	CLR-1 (CLB-1/5/7)	CLR-2 (CLB-2/6/8)	CLR-3 (CLB-3/4)	Pending
GS CLR	CLR-15 (Fxnl Bns)	CLR-25 (Fxnl Bns)	CLR-35 (Fxnl Bns)	NA
Fwd CLR	CLR-17 (CLB-11/13/15)	CLR-27 (CLB-22/24/26)	CLR-37 (CLB-31)	NA

NOTE: CLBs will have same number as the supported Inf Reg or M supporting MAW will be redesignated CLCs and retain sam

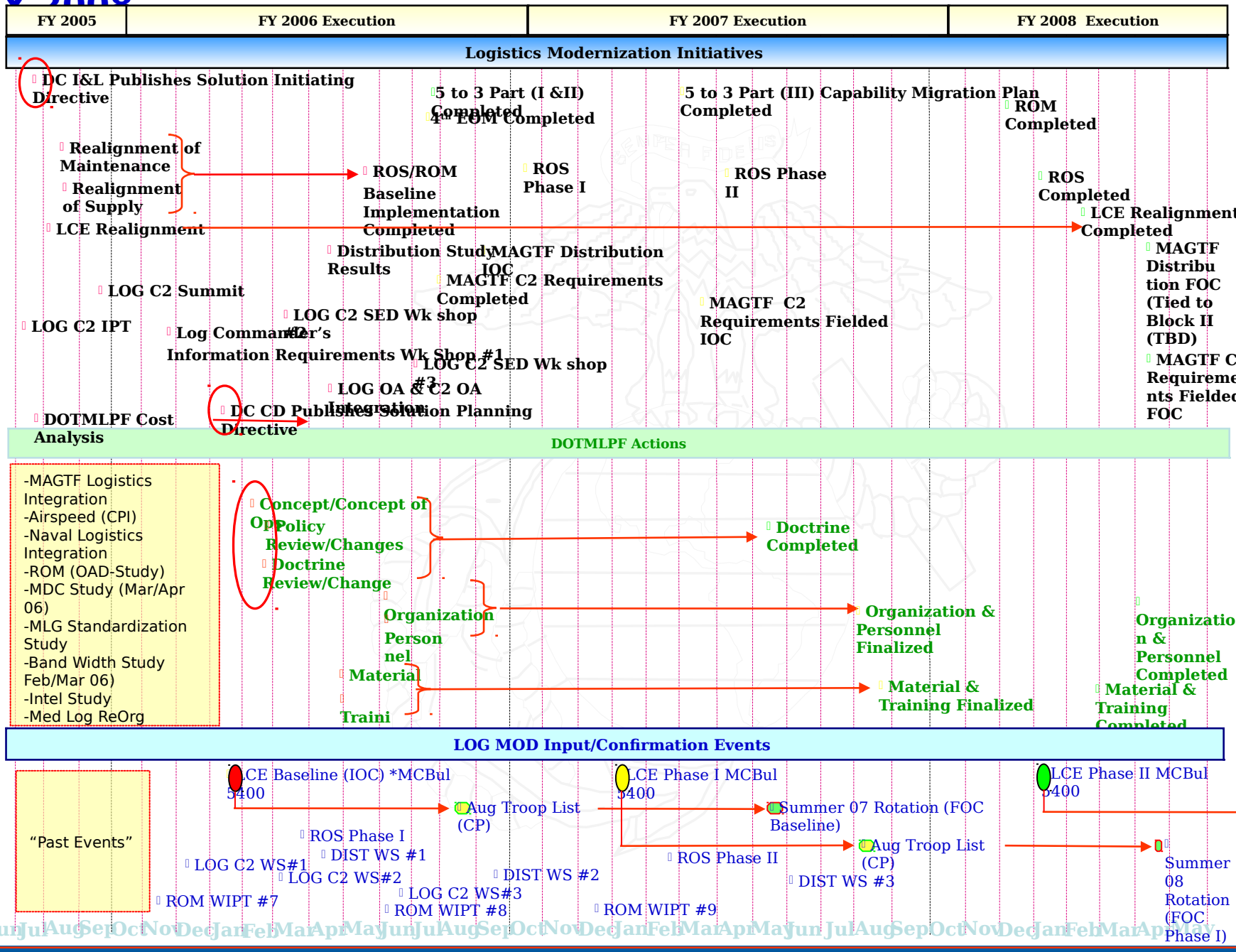
Where are we now?

Where are we going?



Our long term objectives balanced with short term requirements through DOTMLPF

Logistics Modernization Execution Plan FY 2005 - FY 2008


FY 2005
FY 2006 Execution
FY 2007 Execution
FY 2008 Execution
Logistics Modernization Initiatives
DC I&L Publishes Solution Initiating Directive
5 to 3 Part (I &II) Completed
4th EOM Completed
5 to 3 Part (III) Capability Migration Plan Completed
ROM Completed
Realignment of Maintenance
Realignment of Supply
LCE Realignment
ROS/ROM Baseline Implementation Completed
ROS Phase I
ROS Phase II
ROS Completed
LCE Realignment Completed
Distribution Study Results
MAGTF Distribution IOC
MAGTF Distribution FOC (Tied to Block II (TBD)
LOG C2 Summit
MAGTF C2 Requirements Completed
MAGTF C2 Requirements Fielded IOC
LOG C2 SED Wk shop #2
LOG C2 IPT
Log Commander's Information Requirements Wk Shop #1
LOG C2 SED Wk shop #3
LOG OA & C2 OA Integration
DC CD Publishes Solution Planning Directive
DOTMLPF Cost Analysis
DOTMLPF Actions
-MAGTF Logistics Integration
-Airspeed (CPI)
-Naval Logistics Integration
-ROM (OAD-Study)
-MDC Study (Mar/Apr 06)
-MLG Standardization Study
-Band Width Study Feb/Mar 06)
-Intel Study
-Med Log ReOrg
Concept/Concept of Op
Policy Review/Changes
Doctrine Review/Change
Doctrine Completed
Organization
Personnel
Organization & Personnel Finalized
Organization & Personnel Completed
Material
Training
Material & Training Finalized
Material & Training Completed
LOG MOD Input/Confirmation Events
"Past Events"
LCE Baseline (IOC) *MCBul 5400
Aug Troop List (CP)
LCE Phase I MCBul 5400
Summer 07 Rotation (FOC Baseline)
LCE Phase II MCBul 5400
ROS Phase I
DIST WS #1
LOG C2 WS#1
LOG C2 WS#2
ROM WIPT #7
LOG C2 WS#3
ROM WIPT #8
DIST WS #2
ROM WIPT #9
ROS Phase II
Aug Troop List (CP)
DIST WS #3
Summer 08 Rotation (FOC Phase I)
Jun Jul Aug Sep Oct Nov Dec Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec Jan Feb Mar Apr May

Questions???

For more information on LogMod, visit

https://logmod.hqmc.usmc.mil